NAD 319

Integrated Amplifer

- **2 x 125 Watts continuous power into 8 ohms**
- **2 x 400 Watts dynamic power into 2 ohms**
- **Remote control**
- **Building Block Concept: Power amp is Model 216THX**
- **Pre-out / Main-in**
- **All Discrete circuitry**
- **Tone controls defeat switch**
- **Bridgeable: 400 Watts into 8 ohms**
- **Input switching through relays with Gold Plated contacts**
- **Soft Clipping**

Since its introduction, the NAD Model 216THX Power Amplifier has enjoyed a strong following and tremendous reputation throughout the world for its performance and reliability. The latest addition to NAD's range of integrated amplifiers is the Model 319 which is very closely related to the Model 216THX. In fact, the entire Power amplifier inside the Model 319 is identical to that of the Model 216THX.

Flexibility

Flexibility is a traditional strong NAD point. The Model 319 has 6 line inputs (including 2 tape in/outputs with dubbing facility both ways). By removing the links between the Pre-out and Main-in sockets the pre-amplifier section can be separated from the power amplifier for easy upgrades (bi-amping, for instance) or adding ancillary equipment.

As the built-in power amp of the Model 319 is identical to that of the NAD Model 216THX you can easily triple the output power to your speakers by adding a Model 216THX to your system. Bridge both power amplifiers and you have increased the power of your system to 2 x 400 Watts continuous into 8 ohms. Thanks to this "Building Block Concept" your Model 319 doesn't need to be made redundant to upgrade.

Performance

Rather than using electronic switching between sources, the NAD engineers have opted for using relays as these will give better performance at this price level. To ensure long term reliability only relays with gold-plated contacts have been used. The input selector relays are located as closely as possible to the input sockets to minimise cross talk and interference. As with the relays, all input and output sockets are gold plated to ensure reliable signal transfer. A generous power supply (the same massive Holmgren™ Toroidal transformer as the Model 216THX is used) and over-rated output devices further lead to low noise and low distortion.

Integrated Amplifier

The overall high level of performance is achieved by using discrete circuitry only and high quality close-tolerance components such as metal film resistors and polypropylene capacitors. As one would expect from any NAD amplifier, the Model 319 will drive loudspeakers with complex loads (such as low impedances) with great ease.

The Model 319 also incorporates NAD's acclaimed switchable "Soft Clipping" circuit which significantly reduces the risk of damage to loudspeakers due to prolonged high power operation.

Apart from operating the Model 319, the remote control will also operate many other NAD components. The NAD Link sockets provide for communication between the other NAD components for complete control. Convenience, flexibility and, above all, performance, are the hallmarks of the NAD Model 319. Consistent with NAD's reputation the Model 319 is somewhat of a bargain when compared to amplifiers with similar performance.

NAD

SPECIFICATIONS - NAD 319

Continuous average power output into 8	125W (21dBW)	
(Min power per channel, 20Hz - 20kHz both channels driven with no more than rated distortion)		
Rated distortion (20Hz - 20 kHz)		0.03%
Clipping power		160W (22dBW)
(max continuous power per channel)		
IHF dynamic headroom at 8		+1.3dB
IHF dynamic power	8	170W (22.3dBW)
(max short term power per channel)	4	280W (24.4dBW)
	2	400W (26 dBW)
Damping factor (ref. 8 50Hz)		>200
Frequency response	20Hz - 20kHz	±0.3dB
	2Hz - 100kHz	±3 dB
THD + SMPTE I.M. + IHF I.M		<0.03%
Input impedance (R and C)		20k /500pF
Input sensitivity (ref. rated power)		165mV
Signal to noise ratio (A weighted)		90dB ref. 1W
		104dB ref. rated power
Treble control		±7dB at 10kHz
Bass control		±10dB at 50Hz

Physical specifications

Dimensions (W x H x D)	435 x 146 x 383mm
Net weight	15kg
Shipping weight	16.8g

NOTE: NAD reserves the right to change specifications or design at any time without notice. All specifications are those in effect at time of printing.